



*Delivering sustainable infrastructure solutions  
for tomorrow's communities*

## ► NEIGHBORHOOD IMPROVEMENT PROJECTS

### **Project:**

New Sanitary Collection System & Infrastructure Repair

### **Location:**

Marimar, FL

### **Profile:**

The City of Marimar needed a new sanitary collection system for the Marimar South neighborhood. The contract also called for major improvements to the existing infrastructure such as water main replacements, upgraded drainage systems and rebuilding of the walkways and roadways.

Lanzo Construction was awarded the City of Marimar project. Lanzo is well known for their construction and project management excellence in neighborhood communities. This particular project required regular communications with community leaders, attention to complex timing of traffic patterns, preparations for noise and environmental sensitivities, and extreme care for the safety of the community residents during all phases of the construction work.

Once the contract was awarded, Lanzo mapped out the logistics of the various project components and went to work starting with the construction of a new ductile iron pipe water distribution system that included:

- 7,049 liner feet of 8" pipe
- 8,494 of 6" pipe
- 26 wet taps

Lanzo Construction installed a new sanitary collection system that required dewatering the trench to facilitate the installation. The installation included:

- De-silting and turbidity monitoring of outfalls because of the sensitive environment
- 24,122 liner feet of 8" PVC gravity line with cuts up to 20' deep
- 92 new man holes
- 1,488 linear feet of 8" force main to tie the new pump station into the existing system
- A new pump station that required the construction of a 35-vertical foot, sheeted deep shaft for the wet well

The new drainage improvements included:

- 353 new structures
- 31,427 linear feet of 15"-42" reinforced concrete pipe
- 2 large control structures

The final restoration was completed on time and on budget with an overlay of 76,821 square yards of S-III Asphalt, sidewalk and curbing.

